

UNIVERSITY
OF TORONTO

Bulletin

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Turning the sod for law, music expansions



Threat of grade revision irks profs at Scarborough

by Judith Knelman

A controversy has erupted at Scarborough College over the question of whether a pattern of grading should be imposed on instructors.

A marks review committee chaired by classics professor and outgoing associate dean Eleanor Irwin voted on June 16 to raise the grades of two calculus courses by one-third of a letter — so that a failure with a mark of between 35 and 49 would become a D minus (50-52). At the meeting, representatives of the four divisions at Scarborough were eligible to vote. One was absent; two voted against the proposal and one for it. The chair then phoned the absent member, who voted for it, and broke the tie by supporting the proposal herself.

The lower marks had already gone out to the students. Math instructors protested the raising of grades, and the committee reconsidered, ultimately deciding that if the Division of Physical Sciences did not agree with the decision it could not be implemented. On June 27 Irwin informed the division by letter of the decision not to impose the changes.

Grading policy

The University's grading practices policy stipulates that the distribution of grades not be determined through set quotas. But the policy does allow a

See CONTROVERSY : Page 2

Premier David Peterson was on hand July 14 to help turn the sod for new constructions at the Faculties of Law and Music. Total cost of the expansions will be \$17.9 million.

Joining Peterson were about 200 people, including Minister of Colleges & Universities Lyn McLeod, MPP Ron Kanter, representatives from the founding law firms who contributed to the Faculty of Law's campaign and supporters of the Faculty of Music's fundraising drive.

The festivities took place on a hilltop between Flavelle House and the Edward Johnson Building, overlooking Philosopher's Walk.

Hard hats and shiny new shovels were provided for the sod-turners. The premier, minister, lawyers, music benefactors and dignitaries dug to the resounding tones of trumpets played by tuxedo-clad musicians.

In his remarks the premier noted how incongruous it was that he should be involved in the sod turning for the law library, given the amount of time he actually spent in the library during his years at U of T.

"I'm standing on the spot where some of us in law used to play frisbee," he said. "Perhaps it's only fitting that our frisbee area should be taken over by a library. I would hope that today's frisbee players who are displaced won't mind finding another spot for their game."

The premier noted how unusual it was for these two faculties to be involved in a joint endeavour: "You could say that getting these two groups together is like going from the ridiculous to the sublime."

Of the total amount to be spent on the

Dignitaries, trumpets, champagne and new shovels

expansions, \$12.7 million will go to improving the existing law library by increasing stack space and study areas, and the establish-

ment of the Jacob M. Bennett Classroom Wing. The expanded library will be renamed after former Supreme Court Chief Justice Bora Laskin. Project rooms and group study areas will be added, as well as facilities for computerization.

The following funds have been committed for the law faculty expansion: \$4 million from the Ontario government; \$1.8 million from the University; and about \$4 million from the private sector. The remaining money will be sought from the Ministry of Colleges & Universities Capital Grant Program.

The music faculty's \$5.2 million project will see the conversion of the current library in the Edward Johnson

into a lecture hall, organ studios, offices and a computer instructional room. A new wing will be built to house the music library, which is the largest music collection in Canada.

The Rupert E. Edwards Foundation contributed \$3.6 million towards the project and the University will raise the remaining \$1.6 million from the private sector.

After the ceremonies, the Faculty of Music held a champagne reception, complete with harpsichord recital.

New funding will mean 868 more residence spaces

U of T will receive \$11.284 million for 868 new residence spaces, Lyn McLeod, colleges and universities minister announced at a July 6 press conference at Ryerson Polytechnical Institute. McLeod also announced that Ryerson would receive \$7.176 million for 552 residence spaces and York University would receive \$10.426 million for 802 beds.

The three grants, totalling almost

\$28.9 million over five years, are part of the provincial government's program to provide 5,000 new university residence beds. The total value of the funding provided through the program will be \$65 million over a 25-year mortgage period.

Janice Oliver, U of T's assistant vice president, facilities and administrative systems, said the total number of new residence spaces at U of T, and their

See RESIDENCE : Page 2

Most employees will see pay increase

July pay statements could hold some surprises, as the government's long-awaited tax reforms begin to take effect. With the goal being greater equity, many tax deductions and personal exemptions have been converted to non-refundable tax credits. To reflect this change Revenue Canada has designed a new TD1 form — the Personal Tax Credit Return. This form will provide employee information upon which tax withholdings will be based. The form should be completed by all individuals who receive salary or wages and who have special tax claims (dependents/seniors/students, etc.).

In June, the Payroll Department sent more than 3,000 of these forms to University employees who are currently claiming more than the basic personal tax exemption. About 80 percent of these forms have been completed and returned. Anyone not filing a TD1 will be allowed the minimum credit for a single

Tax reforms to show up on July paycheques

person with no dependents.

There have also been changes to the age and claim amounts for dependent children. Taxpayers may only claim for children who will be under 19 at the end of the year. Previously, the age limit was 21. Larger families will receive additional assistance because the credit allowed for the third and each additional child is higher than for the first two children.

Together with the change to tax credits is a simplification of the structure of income tax rates. Ten federal tax brackets have been reduced to three. In Ontario, the top tax rate of 52.53 percent will drop to 46.14 percent.

As a result of these changes, most

employees will experience a reduction in their tax withholdings. But tax burdens may increase for those in middle-income brackets, especially if they have older dependent children. However, it will be difficult to assess the impact of these tax changes since they will be occurring in July, at the same time as most people receive their annual salary increase.

Tax reform will also have a major impact on those with more complex situations. The deduction of certain expenses (e.g., restaurant meals, automobile and home office expenses) against non-employment income has been considerably restricted. University employees in these situations should consult with their personal tax advisers.

These changes represent the first phase of the tax reform package. Reforms to retirement savings will be implemented on Jan. 1, 1989. Details of this phase have not yet been finalized.

INSIDE

An independent report has endorsed the Ontario Centre for Large Scale Computation.

PAGE 3

Four faculty members have recently been named to the Order of Canada.

PAGE 5

Editor's Notebook

PAGE 3

Events

PAGE 6

Letters

PAGE 7

Temporary quarters for law library

During the 18 months of construction at the Faculty of Law, the faculty library will be located in temporary quarters in the Robarts Library.

The collection, study carrels, table seating and reference department will be located on the 9th floor of Robarts. Seating will be limited to 132 seats.

Approximately two-thirds of the collection will be accessible. Books which circulate now will continue to do so. The other third of the collection will be placed in a warehouse and will not be available.

Cataloguing, acquisitions and the law librarian's office will be on the 6th floor.

Current phone numbers for librarians and staff will not be changed.

To facilitate the move, the law library will be closed from July 25 until August 11 when it will reopen in the Robarts.



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Dr. Jack Riordan, Director
Cystic Fibrosis Research Development Program
The Hospital for Sick Children
555 University Avenue
Toronto, Canada M5G 1X8

Controversy over grade distribution

Continued from Page 1

division to set out broad limits that recognize that considerable variance in class grades is not unusual.

In the Faculty of Arts & Science on the St. George and Erindale campuses, between five and 25 percent of the students in a class of more than 30 are expected to get A, not more than 75 percent to get A and B combined, and not more than 20 percent to get E and F (below 50) combined.

On all three campuses, the marks are reviewed by the department chair and then passed on to the faculty or, in Scarborough's case, the division. The faculties and divisions have marks review committees empowered to change grades in the case of an infraction of the grading practices policy. Scar-

borough's committee, a subcommittee of the Academic Affairs Committee, was given the power in 1986 to adjust marks that are not within guidelines set by the college and published in the calendar. So far there are no guidelines.

Possible guidelines for Scarborough have been debated by the faculty there for about a year, and at the May meeting of academic affairs a motion was brought forward defining proper distribution. The motion was tabled until the September meeting.

Proposals

One of the proposals moved at the May academic affairs meeting by economics professor Mike Krashinsky is that no more than 60 percent of a class

(enumerated after the fall "shopping period") get less than C minus, which represents a mark between 60 and 62. Math professor Paul Selick applied this standard to grades given at Scarborough in physical sciences full courses with enrolments of over 30 in 1986-87 and found only two that conformed, one in astronomy and one in geology.

First-year calculus has a large enrollment and a large drop-out rate. There are often more A's and more failures than there are C's.

"There is no reason why distributions of all courses should look the same," said Selick. "I don't know of any university in North America where they do look the same, and they probably don't in high schools either. But I think there are people on this committee who feel all distribution should be a bell curve with a C centre."

"There is an opinion across North America of what constitutes a first-year course in physics or calculus. Although the instructor may make minor deviations from this, you can't do too much because the instructor in a second-year course expects students to have learned certain things."

Exhaustive negotiation

Peter Harris, secretary of the Faculty of Arts & Science, which does not govern Scarborough College, said though the faculty's review committee has the power to change grades without the concurrence of the instructor it does not do so. "Our tendency is to go in for exhaustive negotiation."

It can happen that marks are changed after they are issued to the students because of a petition or an error in the department. But the general procedure is for marks at variance with the guidelines to go to the committee, a subcommittee of the faculty's Committee on Academic Standards, before they are released. If the grades are not consistent with those given in the department's other courses in the past few years, the chairman is asked for an explanation. After discussion with the instructor, the department says yes or no to a change. The review committee does not change marks without the agreement of the department.

In 1985, an instructor approached by the Scarborough review committee agreed to lower the marks in a commerce course. But the students petitioned successfully in a class action to have them raised. They had been able to work out the exact marks they should have received, since they were based on a multiple choice exam.



JEWEL RANDOLPH

Making way for the new

Worker stands over one of the trees that had to be cut down near Philosopher's Walk to make way for construction at the Faculties of Law and Music. Les Hubbard, assistant manager,

grounds, was unhappy to see the trees go. But he said there has to be a balance between preserving the heritage of the buildings and grounds, and the need for new classroom and library space.

Residence spaces get boost

Continued from Page 1

location, depends in part on the outcome of the \$100 million Breakthrough campaign. One of the campaign's major priorities is funding for new residence spaces.

In an interview after the meeting, Oliver said four possible sites are under consideration for the new residences. A task force has been formed to choose between two of the sites for construction in the near future. They are the open space at the corner of Huron Street and Sussex Avenue beside the Robarts Library, and the parking lot on St. George Street between the German department and CIUT radio. Two possible sites for later construction of residences are the parking lot on Spadina Avenue south of the offices of the U of T police, and the parking lot further north on Spadina, between Glen Morris and Harbord Streets.

Currently planning a parking garage to be built on College Street west of the Koffler Centre to compensate for the loss of parking space. Construction of the garage has been delayed, however, while the University considers a plan for including low-cost housing on the top floor of the garage. Such housing would help alleviate U of T's shortage of accommodation for married students, Oliver said.

Ryerson president Brian Segal said that his institute desperately needs new residences because there are only 38

beds available and 50 percent of Ryerson's students are from outside the Metro Toronto area and require accommodation. The new residence will be built to the east of the Ryerson campus, he said.

York's new residences will consist of a low-rise building containing 538 beds and a mid-rise building for 264 beds. York president Harry Arthurs said the new buildings, incorporating gardens and plazas, will fit into an overall plan to beautify the campus and improve the quality of life at York.

McLeod noted that it has been 20 years since the province provided funding for university student residences. Fourteen Ontario universities requested funding for some 8,000 beds through the new program. In recent weeks, McLeod has announced grants to each of the universities up to the total amount available through the program. The major criteria for deciding how much each university would receive were the recent and expected growth of the university, the number of students from outside the community and the amount of accommodation available in the community.

Some new residences could be available for occupancy by the fall of 1989, McLeod said. Oliver estimated that the earliest possible date for occupancy of any new residences at U of T would be the fall of 1990.

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Report endorses supercomputer centre

by Peter O'Brien

A report released July 5 has endorsed the establishment and operation of the Ontario Centre for Large Scale Computation, home of the Cray X-MP supercomputer. John J. Leppik, president of Toronto-based Knowledge Systems Inc., and prime author of the report, said: "We found the operation of the centre to be significantly better than we had been led to expect."

Acknowledging that there have been controversies surrounding the purchase of the supercomputer and the establishment of the centre, Leppik stated that "the problems of this centre in 1986 and 1987 have been very similar to comparable centres in the US and these problems are attributable to the immaturity of the environment."

The report, commissioned by the Ontario government and U of T, was presented to the steering committee of the Supercomputer Management Board.

Joining Leppik on the consortium that produced the report were independent consultants Peter A. Gregory of Boston and Peter C. Patton of St. Paul, Minn.

Business, marketing plans

In its discussion of the business plan the

report stated that the Cray "will have to be first augmented and then replaced by 1995" in order for the OCLSC to remain at the cutting edge of new technology.

"The establishment of the OCLSC has . . . satisfied the latent need for supercomputing in Ontario . . . It has made it possible for us to develop in this area of academic and industrial activity as rapidly as our people are capable of proceeding."

On the marketing and sales plans the report stated: "There is no realistic prospect for the OCLSC becoming a commercially successful service bureau . . . There is nevertheless a commercial role for the Centre . . . It can play a vital role in introducing Ontario and Canadian industry to the benefits of supercomputers and in the process generate some needed operational revenue."

The report said that the centre should have a "strong outreach program" as a way of attracting potential academic and commercial business. It suggested studying those areas in industry well penetrated by Cray computing in the US. "Then identify work that is going on in that area at the U of T and publish some success stories in the trade press."

It suggested pursuing "defense contractors who have a need to satisfy Canadian offset requirements."

Support services

In its discussion of support staff the report acknowledged that it is "by no means large" but "there appears to be a fairly consistent level of satisfaction that the support staff is knowledgeable, helpful and effective. With an impressive frequency, users have gone out of their way to make positive comments on the support received."

It suggests that additional memory for the computer be purchased, upgrading "from 2 MegaWords to 4 MW and supporting storage upgrade from 16 MW to 64 MW" which "would make the system a well-rounded configuration in the Cray world." (A MegaWord is 1 million "words," where each "word" is 64 bits.) Although the upgrade is a requirement, it can be delayed until the first quarter of 1989, the report states.

In response to this, David Nowlan (who was vice-president — research at the time the consortium was formed, but who has since returned to the Department of Economics) said: "We shouldn't wait for this upgrading . . . we have the funding already for this extra memory. Let's go for it now."

Organization

The report stated that "major users" of the facility will probably become more important to the organizational structure of the centre. It also states that the current advisory board "should be expanded in accordance with its charter so that users from practically every university in the province are represented."

The office space occupied by the centre "will be adequate for the next few years if properly remodelled," the report says. Lloyd Parker, director of OCLSC, is pleased with the report but does think that the centre needs more space. He noted that at the moment there are staff at three different locations.

The report said that there is a "strong desire to solve all future space needs with the upcoming fitup in the Koffler building." Parker confirmed that a move into space vacated by UTCS is a possibility but that no final decision has been made.

Technological outlook

"Because supercomputers are not easy to use or operate, place major pressures on other facilities, and are intended for use by non-computer scientists" they require knowledgeable management, support personnel, and administrative staff, the report said. This "infrastructure" must help overcome "the unfamiliarity and 'fear' of the system" as well as provide "a wide range of applications software and utilities that encourage the researcher to explore and extend the application of the technology."

The report stated that "computational science is rapidly emerging as a third branch of discovery alongside theoretical science and experimental science."

"As the wellspring of new technology and primary source of trained scientists



PETER LEGRIS

Lloyd Parker, director of the OCLSC, standing in front of the Solid State Storage Device (SSD) and the enclosure that contains the two central processors and the main memory of the Cray supercomputer.

and engineers, the research university is the logical institution to house supercomputing development centres."

Responses

Parker said that the report "has confirmed the original decision to establish the centre. It has validated our operation to date, especially in the critical area of user support and it gives us useful direction for the future."

He said that the findings of the report will "defuse those earlier criticisms, the claims of mismanagement . . . I hope the critics will take a good look at the report."

Parker also noted the recent increase in usage of the Cray. "Over the past six months use of the Cray has quadrupled. There have been users and favourable comments from coast to coast," he said.

UTFA president Fred Wilson, one of the harshest critics of the supercomputer centre, said in an interview: "On the whole it is a positive report that should be acted on."

But Wilson did see some problems in the report. "The issue is not yet put to rest," he said. The report does not address the "non-consultative, secret way" in which the Cray was purchased.

Wilson also noted that the report suggested that controversies surrounding the Cray should be put behind us in order to increase sales of computer time. But this public debate is essential and should continue, said Wilson. The authors' conclusion suggests that "they are not really in tune with the academic world and academic freedom," he said.

Both Parker and Wilson agreed with the report's recommendation that the federal government should help fund the centre. Parker said: "We are acting as a *de facto* federal supercomputer centre . . . funding could easily be 10 times what it is." Wilson noted that the OCLSC is a "national resource" which is not being properly funded.

Nowlan said: "I hope we can now have a positive focus on the science and research that the Cray enables us to do."

EDITOR'S NOTEBOOK

Of the 2,693 students who took the latest bar exam in the Philippines, 480 — a paltry 18 percent — passed. Life at **Dunkin' Donuts University**, in Braintree, Mass. (*sic*), is considerably easier. Only five percent of the 600 students per year do not pass the six-week training course.

* * *

U.B.C.'s 300 female faculty members have all been given a raise of \$39 a month, retroactive to July 1, 1987. It's an attempt to bring their salaries up to those of male faculty. Women earn about \$1,500 less than the men at U.B.C. It was not clear why \$39 was the figure chosen to help rectify the situation.

* * *

Another point to ponder from that province on the western shores of the empire: of the four premiers who have run B.C. during the past 36 years, only one went to university.

* * *

We're not the only ones going after money. According to figures published by the Association of Universities & Colleges of Canada, there are 84 AUCC member institutions across Canada currently conducting or planning financial campaigns.

* * *

Lucile Pratt, who helped kick off the Breakthrough campaign with a \$6.2 million gift, was asked if all the publicity surrounding her monetary kindness had caused any changes to her day-to-day life. She responded that things were pretty much as usual, although her gardener did ask for a raise.

* * *

More on fund raising, this from *The Chronicle of Higher Education*: "The College of Wooster's annual fund changed the name of one of its donor

categories from 'erratic donor' to 'occasional donor' after a volunteer in a phone-a-thon was overheard saying: 'I see that you're one of our erotic donors.'

* * *

This was the suggestion someone came up with for a new coat of arms, after hearing about the fate of 13 trees cut down to make way for new construction at the faculties of law and music. **Les Hubbard**, assistant manager, grounds, said: "We all deplored the fact that these beautiful old trees had to come down. It was a sad sight, but the one I saw come down was living on borrowed time." He noted that some of the trees that were felled were rotten and wouldn't have lasted more than 10 years even if they were left standing. Although the cutting got some bad press in the *Star* and *The Globe and Mail*, it was not a snap decision. In the spring of 1987, in order to make way for the construction, 14 trees in the area were relocated. The decision to cut down the 13 trees — which ranged in diameter from 4" to 48" — was approved by the University's Arboretum Committee and the Business Affairs Committee after they reviewed construction plans and the site itself.

* * *

Move over Ian Shelton. "The David Dunlap Doings" notes that **Ruth Northcott**, a faculty member of the Department of Astronomy from 1935 to 1969, has had an asteroid named after her: "1983 BN" will hereafter be known as "Asteroid Ruth Northcott." *Minor Planet Circulars*, in which the citation occurred, noted Northcott's contributions to the fields of radial velocities, double stars and the history of astronomy. Asteroids range in size from about 900 km in diameter to the size of a small rock. There are a few billion of them.



Lucile Pratt

RESEARCH NEWS

For further information and application forms for the following agencies, please contact ORA at 978-2163.

American Foundation for AIDS Research

Letters of intent are requested for projects in biomedical, humanistic and social sciences research relevant to AIDS. A limited number of full applications for each program will be solicited from submitted letters of intent.

Further details, including the required cover-sheet form, may be obtained from ORA. Deadline for letters is August 16.

Canada Mortgage & Housing Corporation

New application forms and guidebooks for the external research program have now been received by ORA.

The next housing research competition deadline is October 3.

Canola Council of Canada

Under the 1989 canola utilization assistance program, grants-in-aid are available for research on canola including: meal and oil processing, novel and innovative uses; enhancement of quality and utilization of canola products in the world market place.

Application deadline is September 9.

Canadian Foundation for Ileitis & Colitis

The foundation offers research fellowships for research training in gastroenterology. Candidates

must be Canadian citizens or permanent residents, hold an MD degree and must be sponsored by a faculty supervisor.

Details and application forms may be obtained from ORA. Deadline is September 15.

Canadian Heart Foundation/Heart & Stroke Foundation of Ontario

Fellowships and Grants-in-Aid

The foundations offer awards for projects of an experimental nature in cardiovascular and cerebrovascular research of development. For 1989 priority will be given to:

signals and action (heart attack); smoking and youth; lifestyles and heart health; stroke education; high blood pressure; stress; and to the social and communication sciences approaches which influence cardiovascular health identified as: behaviour sciences, school health education; social marketing; computer-assisted instruction; behavioural medicine; patient education.

Deadline for grant-in-aid applications: September 1; fellowships: November 15.

Heart & Stroke Foundation of Ontario Distinguished Research Professorship

This appointment is to be made to an established, internationally recognized investigator with an outstanding record of achievement.

ment in science.

One award may be made to each of the five Ontario universities with health science centres. The investigator may or may not be a current faculty member at the time of nomination. The University of Toronto may submit three applicants for consideration by the foundation.

For further details and application forms contact either the research office of the Faculty of Medicine or ORA. The internal University deadline at the research office of the Faculty of Medicine is July 29.

Hypercholesterolemia Identification & Modification Program

Proposals are solicited for a multidisciplinary health promotion program for cardiovascular risk reduction with the major focus on hypercholesterolemia. Proposals must be designed, but are not limited to the following objectives:

(1) to identify the prevalence of hypercholesterolemia as a cardiovascular risk factor in a workplace target population; (2) to determine the association of hypercholesterolemia with other major cardiovascular risk factors in this population; (3) to develop and implement a risk-factor modification program; (4) to evaluate the short- and medium-term (one year) impact of this program on cholesterol levels and other major risk factors; (5) to develop a scientifically valid and feasible program

for cholesterol reduction in the workplace population which can be promoted widely by the foundation.

A detailed budget must be included and must not exceed \$240,000 over two years. The foundation will establish a separate budget of \$50,000 for materials design and production.

The usual University regulations for application signatures is in effect for all these programs. Investigators are also reminded that the foundations require the appropriate humans, animals and biohazards approvals to be submitted with applications.

Further details and application forms are available from ORA. Deadline is September 1.

Health & Welfare Canada

New guidelines and application forms have been received for the NHRDP career awards. These include: post-doctoral fellowships; national health research scholarships; national health scientists; visiting national health scientists.

Investigators are advised to read the guidelines carefully as a number of changes, particularly restrictions on eligibility, have been made. Deadline for all career awards programs is July 31.

Medical Research Council

New guidebooks and form MRC 11 (operating, maintenance and equipment grants) have now been received, and copies may be obtained from either the research office of the Faculty of Medicine or ORA. Investigators are advised to read the guidebook and application form carefully as major changes in the application procedure are in effect for the September 15 (new grants) deadline.

Ethical Considerations
The MRC has made substantial policy changes in application documentation and the timing of approval for research involving human subjects, animals and biohazards. New forms have been issued and are available as part of the MRC 11 application package.

University approval for use of humans, animals or biohazards is to be finalized before submission of the application to the MRC. Approval forms must be received by the council not later than 60 days after the deadline date for applications or applications will not be considered.

Please note that it is imperative that these reviews begin sufficiently in advance to allow adequate time for processing. In the case of humans, allow at least three months. In the case of animals, allow at least six weeks. In the case of biohazards, allow at least three weeks. Since many investigators will be seeking

reviews in the same period additional time may be required. Please begin the review process as soon as possible.

Ministry of Colleges & Universities

University Research Incentive Fund

The URIF selection committee has recommended a number of policy changes affecting the operating of the program. The changes have been accepted and the new policies will be implemented as soon as possible.

An immediate change is the reduction from four to three competitions. Information on these changes and the URIF program may be obtained from ORA. New application deadlines are October 15, January 31 and May 31.

Ontario Ministry of Health

The ministry has informed ORA that new guidebooks will be available in September for the 1989 application deadlines. There will be changes in the ministry's granting programs and investigators are advised to use the current 1988-89 guidebooks for reference only at this time.

Social Sciences & Humanities Research Council

Research Grants
Revised guidebooks and application forms for 1989-90 have not been received by ORA.

Deadline for research grants is October 15.

Travel Grants for International Representation

Investigators are advised that applications for travel before April 15, 1989 may be submitted to SSHRC at any time; however, under new guidelines, all applications for travel after April 15 will be evaluated on a competitive basis by a selection committee.

The new deadlines are: October 30, March 30 and June 30. Decisions will be announced four months later. The council will not accept applications for participation in meetings scheduled to take place before the date on which the decisions are to be announced.

Further details are available from ORA.

Upcoming Deadline Dates
Alcoholic Beverage Medical Research Foundation — research grants: September 15.

American Foundation for AIDS Research — letters of intent: August 16.

Arthritis Society — group facilitation preliminary proposal: September 1.

Canada Housing & Mortgage — research grants: October 3.

Canadian Foundation for Ileitis & Colitis — fellowships: September 15.

Canadian Heart Foundation — grants-in-aid and senior personnel awards: September 1 (please note change).

Canadian Nurses Foundation — small research grants: July 31.

Canola Council of Canada — grants-in-aid: September 9. Damon Runyon-Walter Winchell Cancer Research Fund — fellowship nominations: August 15.

Deafness Research Foundation (US) — research grants (renewals): August 15.

Dermatology Foundation — all research and personnel grants: September 1.

Health & Welfare Canada (NHRDP) — post-doctoral fellowships; national health research scholarships; national health scientists; visiting scientists: July 31; health care in transition (special competition): September 2.

Heart & Stroke Foundation of Ontario — distinguished research professorship: internal deadline at the research office of the Faculty of Medicine July 29; hypercholesterolemia identification and modification program proposals: September 1.

Hospital for Sick Children Foundation — research grants: August 1.

Parker B. Francis Foundation — fellowship nominations: September 15.

Leukemia Society of America Inc. — personnel awards: September 1.

March of Dimes (US) — clinical research grants: August 1; social and behavioural sciences research grants: September 1.

Medical Research Council — workshop and symposia: September 1; new operating, maintenance and development grants; equipment grants, and scholarships: September 15.

Ministry of Colleges & Universities — URIF — new competition deadlines: October 15, January 15 and May 31 (please note change).

National Multiple Sclerosis Society (US) — research grants: August 1.

NRC — space life sciences microgravity opportunities: August 1.

Ontario Mental Health Foundation — research grants: September 30.

SSHRC — research grants: October 15; travel grants for international representation: October 30.

U of T — research grants: August 1; I'Anson professorships: September 1.

W. Garfield Weston Foundation — research grants: early autumn.

Whitehall Foundation Inc. (US) — research grants (life sciences): September 1.

Helen Hay Whitney Foundation — post-doctoral fellowships: August 15.

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PERSONNEL NEWS

Joint Membership Plan

There have been increases in the fees of the organizations in the joint membership plan: Department of Athletics & Recreation, Hart House and the Faculty Club. Rates for those who are members of the plan on the St. George campus will be \$15.14 per month effective July 1. This is an increase of \$.90 from the current rate.

Dental Plan

Effective July 1 the dental plan will be adjusted to the 1987 Ontario Dental Association fee schedule for the 1988-89 year as agreed with the University of Toronto Faculty and Staff Associations.

Job Openings

Below is a partial listing of job openings at the University. The complete list is on staff bulletin boards. To apply for a position, submit a written application to the Human Resources Department. (1) Sylvia Holland; (2) Steve Dyce; (3) Varujan Gharakhanian; (4) Christine Marchese; (7) Sandra Winter; (8) Dagmar Mills; (9) Janice Draper; (10) Roy Dart; (11) Janis Campbell; (12) Julia Finerty.

Animal Laboratory Technician I
(\$22,483 - 26,450 - 30,417)
Surgery (1)

Bilingual Secretary III
(\$22,483 - 26,450 - 30,417)
French (Clara Moine, Human Resources)

Clerk II
(\$8,096 - 9,525 - 10,595)
Ukrainian Studies, 50 percent full-time, salary pro-rated (Clara Moine, Human Resources)

Engineering Technologist III
(\$28,664 - 33,722 - 38,780)
Aerospace Studies (9)

Graphic Artist III
(\$24,591 - 28,930 - 33,269)
U of T Press (9)

Laboratory Technician I
(\$18,819 - 22,140 - 25,461)
Medicine (1)

Professional Engineering Officer I
(\$43,542 - 51,226 - 58,910)
Physical Plant (1)

Research Officer I
(\$20,417 - 24,020 - 27,623)
Preventive Medicine & Biostatistics (1)

Research Officer II
(\$24,591 - 28,930 - 33,269)
Preventive Medicine & Biostatistics (1)

Secretary I
(\$18,819 - 22,140 - 25,461)
Postgraduate Medical Education (1), Alumni Affairs, St Michael's (1), Preventive Medicine & Biostatistics (1), Physical Plant (1), Instructional Media Services (11), Pharmacy (11), NCIC Epidemiology Unit, 80 percent full-time (1)

Secretary II
(\$20,417 - 24,020 - 27,623)
Immunology (7), Preventive Medicine & Biostatistics (1), Computer Science (4)

Secretary III
(\$22,483 - 25,450 - 30,417)
Health Administration (1), Physics (Clara Moine, Human Resources)

IN MEMORIAM

Charles J. Slattery, who taught a correspondence course in marketing for the School of Continuing Studies, died June 19 at age 72.

Slattery received his BComm from U of T in 1939 and his MComm from the Institute of Business Administration, as the Faculty of Management was then called, in 1953. He retired from Canadian General Electric, where he was a person-

nel manager, in 1979.

An estimated 2,000 students took his correspondence course. His involvement with the course began some 20 years ago and continued until a few weeks before his death. He recently received an Excellence in Teaching award from the School of Continuing Studies for his contribution to independent studies and program development in business.

Slattery was actively involved in the administration of Catholic Charities in Toronto as a member of the boards of directors of St. John's Training School and of St. Elizabeth Visiting Nurses and as vice-president of Catholic Family Services.

He leaves his wife Helen, his daughters Maura Kuhn and Sheila Slattery-Ford, and three grandsons.

Professor Mavis E. Berridge of the School of Physical & Health Education died July 9 at the age of 63.

Born in Leicester, England, Berridge taught physical education at Bishop Strachan School in Toronto in the mid 1950s before being hired by U of T's Department of Physical Education & Athletics in 1959. Berridge received her BPHE from U of T in 1961 and her MS degree in 1966 from the University of Wisconsin. She worked at the University of

Manitoba from 1964 to 1969 as the director (women) of the School of Physical Education.

Returning to U of T in 1969, Berridge was responsible for the teaching of the kinesiology and adapted physical activity courses within the School of Physical & Health Education. She was instrumental in designing the kinesiology lab in the Athletic Centre.

She organized the 5th International Symposium on Adapted Physical Activity, held in Toronto in 1985, and

she coordinated a program, funded by a Connaught development grant, which examined the effects of physical education on the fitness of University personnel.

A member of many University committees, Berridge was also active in the faculty association. She was involved in many kinds of community service and, at the time of her death, was an honorary life member of the Girl Guides of Canada and an honorary life governor of the Royal Life Saving Society of Canada.

Four faculty members named to Order of Canada

Four U of T faculty members are among Canadians recently appointed to the Order of Canada. Professors Donald Chant and Ernest McCulloch have been named officers. Professors Margaret Thompson and Douglas Jay have been appointed members.

Chant was chair of the zoology department from 1967 to 1975 and vice-president and provost of the University from 1975 to 1980. A past chairman of the Pollution Probe Foundation, he is chairman of the Ontario Waste Management Corporation and has been very active in the cause of protecting the environment. In 1980, he received U of T's Alumni Faculty Award.

McCulloch, of medical biophysics, was named a University Professor in 1982. He was dean of the School of Graduate Studies from 1979 to 1982. Head of the Ontario Cancer Institute's division of biological research, he has served on several national and international

advisory committees on medical research. His work has helped develop treatment for leukemia.

Jay, principal of Emmanuel College and a professor of the philosophy of religion and ethics, was the director of the Toronto School of Theology from 1969 to 1980. From 1984 to 1986 he served as president of the Association of Theological Schools in the US and Canada. He chaired the United Church's Division of World Outreach from 1975 to 1982.

Thompson, of medical genetics, is the author of *Genetics in Medicine*. She was president of the Canadian College of Medical Geneticists from 1983 to 1985. A former director of the Muscular Dystrophy Association of Canada, she is a trustee of the Queen Elizabeth II Fund for Research on Diseases of Children. Thompson served on U of T's Governing Council from 1974 to 1977.

Funds will help ease enrolment pressures

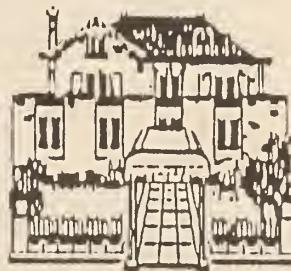
The provincial government will provide \$1.532 million to ease the pressures of increasing enrolment at U of T, Lyn McLeod, minister of colleges and universities, has announced.

McLeod said 17 post secondary institutions will receive over \$12 million to provide an additional 3,874 student places.

The funds are part of a \$40 million commitment over four years to help provide more space for students.

At U of T, the funds will be used for renovations of buildings and classrooms on the St. George campus and for improvements to a language lab at Erindale.

Janice Oliver, U of T's assistant vice-president, facilities and administrative systems, said the grant will enable U of T to offer an additional 383 student places.



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Events

LECTURE

Regulation of Gene Expression in *Dityostelium discoideum* by Transmembrane Signal Transduction.

Thursday, August 4
Prof. Robert P. Dottin,
Hunter College, NY. 417
C.H. Best Institute, 112 Col-
lege St. 4 p.m.

MUSIC

**ROYAL CONSER-
VATORY OF MUSIC**
**Summer School
Concert.**

Monday, July 25
Piano Duo Schnabel: Karl
Ulrich Schnabel and Joan
Rowland. Walter Hall, Ed-
ward Johnson Building.
8 p.m.
Tickets \$10, students and
seniors \$8. RCM box office,
978-5470.

Information on all Conservatory concerts available from the publicity office, 978-3771.

POSITIONS ELSEWHERE

*Notice of the following vacan-
cies outside the University
has been received by the Office
of the President.*

**University of Alberta
President**
Applications and nominations should be sent by September 1 to: Mr. P.A. Robison, Secretary, Presidential Search Committee, University of Alberta, Edmonton, Alta. T6G 2J9

Saskatchewan Indian Federated College, University of Regina
Full-time University Faculty and Administrators
Applications and nominations for openings in economics, geography, languages and linguistics, education, Indian studies, sciences, business administration, public administration, communication arts, fine arts and social work should be sent to: Dr. Oliver Brass, President, Saskat-

chewan Indian Federated College, 127 College West, University of Regina, Regina, Sask. S4S 0A2

**Athabasca University
Assistant Professor,**
Geography; and Assistant or Associate Professor, Computer Science
Both positions are tenure track. Applications for opening in computer science must be received by August 19 and for geography by September 30. Send to: Director of Human Resources, Athabasca University, Box 10,000, Athabasca, Alta. T0G 2R0

State University of New York at Geneseo
President
Nominations and applications should be sent before August 1 to: Miss May Luckern, Chairperson, Presidential Search Committee, Erwin 207, SUNY Geneseo, Geneseo, NY 14454

EXHIBITIONS

ROBARTS LIBRARY

Journey through Armenian Culture.
To July 31
Costumes, embroidery, rugs, pictures, posters and books illustrate 2,000 years of Armenian history; sponsored by the Armenian Community Centre.

Contemporaries of Erasmus.

August 3 to August 30
Representative portraits, sketches, prints, books, manuscripts and maps; sponsored by Centre for Renaissance & Reformation Studies. Main Display Area. Hours: Monday to Thursday, 8.30 a.m. to 11 p.m.; Friday, 8.30 a.m. to 6 p.m.; Saturday, 9 a.m. to 5 p.m.

JUSTINA M. BARNICKE GALLERY, HART HOUSE

To August 18

The Escarpment Series.

Suzanne Morrison, paintings, oil on canvas. East Gallery.

Environment/ Characters, Buildings/ People, Landscapes/ Emotions.

Patricia Wylie, tapestries. West Gallery.
Gallery Hours: Tuesday to Thursday, 11 a.m. to 9 p.m.; Friday and Saturday, 11 a.m. to 6 p.m.; Sunday, 2 to 5 p.m.

FISHER RARE BOOK LIBRARY

Terra Australis Incognita.

To September 16
An exhibition of books, maps and prints about Australia to 1900. 2nd floor.
Hours: Monday to Friday, 9 a.m. to 5 p.m.

COLLOQUIUM

Pericyclic Organo-metalllic Reactions: The [2,2]-Sigmahaptotropic Rearrangement.

Thursday, August 11
Prof. Z. Goldschmidt, Bar-Ilan University, Israel. 428 Lash Miller Chemical Laboratories. 3.30 p.m.

Events deadlines

Please note that information for Events listings must be received in writing at the Bulletin offices, 45 Willcocks St., by the following times:

Issue of August 22,
for events taking place
August 22 to September 12:
Monday, August 8

Issue of September 12,
for events taking place
September 12 to September 26:
Monday, August 29

MISCELLANY

Campus Walking Tours

To August 31
Hour-long tours of the downtown campus conducted by student guides. Map Room, Hart House. 10.30 a.m., 12.30 and 2.30 p.m., Monday to Friday. Information: 978-5000.

Carillon Recital and Tour

Sunday, July 31
Sydney Shep, University carillonneur. Soldiers' Tower. 7.30 p.m.

Special Simcoe Day Walking Tours.

Monday, August 1
Expanded version of campus tours conducted by student guides focusing on the history and architecture of various colleges of the downtown campus. Map Room, Hart House. 10.30 a.m., 12.30 and 2.30 p.m. Information: 978-5000

David Dunlap Observatory Saturday Evening Tour.

Saturday, August 6,
August 13 and August 20
Tour includes a slide presentation and, weather permitting, a demonstration of the 74-inch telescope in operation. David Dunlap Observatory, 123 Hillsview Drive, Richmond Hill. Reservations required. Call 884-2112 weekdays, 9.30 a.m. to 4.30 p.m.

PHD ORALS

Please contact the PhD oral office at 978-5258 for information regarding time and location for these listings.

Monday, July 25

Gregor Duncan Campbell, Department of English, "Historical Consciousness in the Fiction of William Gaddis, Thomas Pynchon, and Robert Coover: A Reading of *The Recognitions*, *Gravity's Rainbow*, and *The Public Burning*." Prof. B. Cormack.

Thursday, July 28

Adrian Philip Crawley, Department of Medical Biophysics, "Localized NMR Relaxation Time Measurement Using Magnetic Resonance Imaging Techniques." Prof. M. Henkelman.

Friday, July 29

John Wesley Bowden, Department of Metallurgy & Materials Science, "Fatigue Deformation of a Superplastic Aluminum-Zinc Eutectoid Alloy." Prof. B. Ramaswami.

Wednesday, August 10

Francis Vincent Lamberti, Department of Chemical Engineering & Applied Chemistry, "Application of Surface Thermodynamics to the Microencapsulation of Mammalian Cells." Prof. M.V. Sefton.

Thursday, August 11

Alan Wilfred Barolet, Department of Pharmacology, "GABA-Evoked Changes in Brain Extracellular K+." Prof. M.E. Morris.

Friday, August 19

Moheb Shaaban, Department of Anthropology, "Palaeodemography of the People of El Dahkleh: Evidence from the Skeletal Remains." Prof. F.J. Melby.

Friday, August 19

Kwang-Tae Kim, Department of Astronomy, "A Continuum Radio Study of Coma Cluster of Galaxies." Prof. P.P. Kronberg.

Monday, August 22

Sara Beth Charney, Department of Education, "Ariosto and the Visual Arts: An Iconographical Study of Avarice." Prof. J.A. Molinaro.

Thursday, August 25

Rose Anne Devlin, Department of Economics, "Liability versus No Fault Automobile Insurance Regimes: An Analysis of the Experience in Quebec." Prof. S. Rea, Jr.

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Noon-2:30, 5-11 p.m., Mon.-Fri. Sat. 5-11 p.m. Sun. 5-10 p.m.

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LETTERS

Headline was a throwaway

Your headline in the June 27 Bulletin "Library will offer waste information" took me somewhat aback. One of the dangers that a library must avoid is becoming an "intellectual landfill" for information no longer wanted or needed. To provide such information is not a service a library should set as a goal. Fortunately the rest of the article had nothing to do with this topic.

*Eric Mendelsohn
Department of Mathematics*

Review committee

Centre of Criminology

A committee has been established to review the Centre of Criminology. Members are: Professor H.J. Arnold, associate dean, Division II, School of Graduate Studies (*chair*); Professors G.A. Smith, acting associate dean, social sciences, Faculty of Arts & Science; Ursula Franklin, Department of Metallurgy & Materials Science; A.W. Mewett, Faculty of Law; W.M. Michelson, Department of Sociology; P.H. Russell, Department of Political Science; and C.D. Shearing, Centre of Criminology; and Patrick Lawlor, graduate student; and Bernadette Lonergan, School of Graduate Studies (*secretary*).

The committee will be pleased to receive comments or submissions from interested persons. These should be forwarded by November 1 to Professor H.J. Arnold at the School of Graduate Studies, 63 St. George St.

NEA fellowship for Greenwald

Roger Greenwald, who teaches creative writing and composition at Innis College and edits the literary annual *WRIT*, has received one of 11 translators' fellowships awarded for 1988 by the US National Endowment for the Arts.

The \$10,000 fellowship is for the translation of *A Story About Mr. Silverstein*, a novel by Swedish writer Erland Josephson.

Greenwald's has received two previous awards for his translations of Norwegian poetry: the F.R. Scott Prize for *The Silence Afterwards: Selected Poems of Rolf Jacobsen* (Princeton University Press) and the Richard Wilbur Prize, which he shared with William Mishler, for *Stone Fences*, by Paal-Helge Haugen (University of Missouri Press).

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Bitburg's history lesson

In his June 27 letter to the editor, Dieter Misgeld forgot to mention the important fact that the 49 controversial graves at the Bitburg military cemetery belong to dead soldiers of the Waffen-SS, a unit integrated into and fighting under the regulations of the German army. This large troop was different from other SS units and had nothing to do with concentration camp police duties or the special commandos called "Einsatzgruppen." Towards the end of the war in 1945, the 38 Waffen-SS divisions made up more than 50 percent of the total German fighting force.

Since people were already trying to confuse the issue immediately after the war, the first chancellor of the Federal Republic of Germany, Konrad Adenauer, publicly and unequivocally stated that the members of the Waffen-SS units

were soldiers, nothing but soldiers. The crimes committed by the young soldiers at Bitburg, namely shooting at fellow men in order to win a war, were shared by their Allied counterparts.

The Federal Republic of Germany has been a member of NATO for a third of a century, and many times before Reagan's visit to Bitburg high American, Canadian and other NATO officers have laid down wreaths at the graves of WW II German soldiers, at Bitburg and elsewhere. It is inconceivable why Waffen-SS soldiers should be excluded from a gesture of reconciliation between former adversaries. History is going on, despite those people who cannot forgive or forget.

*Hartmut Froeschle
Department of German*



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If you plan to relocate, call **Mark Hudson, Campbell Moving Systems, (416) 673-1645**.

B) There has been an increase in the number of purchase orders issued in the name of University staff members. This practice and that of requesting Remittance with Order to University staff members can be greatly reduced by simply phoning Purchasing and obtaining information on the appropriate vendor or requesting an advance order number for that vendor.

We have approximately 10,000 vendors on file and it is very possible that we already deal with yours. Please do not hesitate to call us; we will be glad to assist you.

C) WHMIS is coming! Don't forget that the new WHMIS regulations will be in effect from October 31, 1988. When ordering chemicals, pathological or biological items from the United States, please ask the shippers to include the hazardous materials information data sheets with the shipment.

D) We hope that all those who visited the POLAROID DEMONSTRATION STATION on campus on May 31 found it instructive. We will inform you of other demonstrations as they are confirmed.

CUSTOMS/TRAFFIC

GASOLINE/MILEAGE TAX REFUND

Remember to keep track of litres used in University-owned or -rented vehicles and of kilometers if using your personal vehicle. Claims are processed in February and July. Watch for our next announcement. For further details, contact **T. Nippak, 978-7447**.

SHIPPING/CANADA CUSTOMS INVOICE REQUIREMENTS

- Always show UNIVERSITY OF TORONTO on first line of address.
- Invoices should show:
 - Proper identification of goods
 - Reasonable value.
- Air shipments should be sent C.F. Air.
- Ground shipments should be sent P.I.E. Nationwide.

TRAVEL PROGRAM

Use of the Preferred Agency Programme and the University Travel Card Programme is increasing.

We thank those who already use the service. For those who are unaware of agreements with the Preferred Travel Agencies, these agencies are only a phone call away, and they are willing to book all your hotels, airlines, and other travel needs:

**American Express - 443-8411
Marlin Travel - 485-6771
Rider Travel - 596-6999**

A world-wide discount rate through Avis Rent A Car entitles us to full-size cars at \$37/day. (In Toronto, compact/sub-compact cars are \$36/day, full size \$37/day.) When renting a car from Avis, make sure the agency quotes the following number: **468-700**.

The University Travel Card (American Express Corporate Card) has announced a new coverage package, effective June 1, 1988, which includes:

- Car rental theft and damage
- Missed connection/delayed flight/denied boarding
- Luggage delay/loss
- Hotel/motel burglary
- Travel accident insurance

Existing card holders will receive the mailing outlining these benefits at the billing address. A limited number of packages detailing the service are available for new members and will be issued with their cards.

EQUIPMENT

The "Equipment Exchange" is a service co-ordinated by the Purchasing Department to facilitate the recycling of surplus equipment within the University.

PLEASE NOTE: Equipment moved from research to administration or sold outside the University is subject to tax and duty. Contact Customs, commodity taxation section if unsure.

Description	Qty	Model	Age	Fair Mkt Value	Contact
Personal computer, with disk drive & monitor	1	Commodore 64	1982	Best offer	Anna Heron 978-6323
DECwriter LA 36 with APL & modem & EIA	1	Digital Equipment Corp.	1976	Best Offer	Prof. Hurd 978-3056
DECwriter LA36 & modem & EIA	1	Digital Equipment Corp.	1976	Best Offer	" "
Double-faced bays of industrial shelving, 7 shelves, high closed base. Black & grey	247				Anne Morrison 978-4290
				Best offer	

CLASSIFIED

A classified ad costs \$9 for up to 35 words and \$.25 for each additional word. Your name counts as one word as does your phone number, but the components of your address will each be counted as a word. No charge for postal code.

A cheque or money order payable to **University of Toronto** must accompany your ad.

Ads must be submitted in writing, 10 days before Bulletin publication date, to **Marion de Courcy-Ireland, Department of Communications, 45 Willcocks St., Toronto, Ontario M5S 1A1**. Ads will not be accepted over the phone.

Accommodation

Rentals Available — Metro & Area

Renovated, beautifully furnished Victorian townhouse, South Riverdale. English antiques, piano, two bedrooms and study-loft with skylights, garden, parking. Quick TTC direct to U of T/downtown. Non-smokers. Late August for one year (dates negotiable): \$1,350+. Evenings after 9:30 or weekends: 461-7011.

Walk from U of T. Renovated cottage, furnished. Large bedroom, small study/bedroom, woodstove in living-room. Off-street parking. Garden. Available late August 1988 — May 1989. \$1,100 + utilities. Carol: 961-5002, 9-5, leave message. Tessa: 868-0671.

Riverdale — Fully furnished, tastefully renovated, 3-bedroom. Dishwasher, fireplace, 2-car parking, close to TTC and shopping. Available late August for 9-12 months (negotiable). \$1,400 per month +. Non-smokers, references. Phone 465-1791 after 5 p.m.

Cortleigh Blvd. (Bathurst/Glencairn). Elegant 3-bedroom central-plan bungalow facing south onto park. Large garden, 2 baths, 5 appliances, central air, sun-room. Furnished or unfurnished. Sabbatical rental September 1 for 11/12 months. \$1,600/month. E. Bierstone 787-9477 (home), 978-5163 (office).

Charming 3+ bedrooms detached bungalow in a quiet residential neighbourhood (Eglinton & Pharmacy), garage, new custom kitchen, 2 washrooms, recreation room with walkout to patio & ravine, central airconditioning, electronic air cleaner & much more. Lease for one year. Available August 1, 1988. 757-8504.

Rent from Sept. 30 — April 1. 2-Bedroom apartment, fully furnished, all utilities included except phone, including linen & dishes. Non-smoker, someone very meticulous & caring. Visiting professor, faculty or nurse in training. Bathurst & Steeles near bus & subway & supermarkets. Please call 9 o'clock mornings or after 6 p.m. evenings for interview, 663-7957.

Don Valley Parkway and York Mills Road. Furnished four bedroom townhouse on ravine. Ideal for children. 5 appliances, piano, cookware, linen, patio, indoor garage. Non-smokers. References. Available September 1. \$1,500. 444-1340.

Bloor & Brunswick Ave. Under renovation: 1-bedroom, split level, 3rd floor deck, washer/dryer, parking: \$1,100 per month. 1-Bedroom, 2nd floor deck, opening living/dining, parking, washer/dryer: \$1,100 per month. Call Diana Hemmings 920-5744.

January 1st for 4 months. Beautiful furnished house and garden. Hillcrest Park area. 10 minute bus ride to campus. Separate living- and dining-rooms, kitchen, 3 bedrooms plus study/bedroom, 2 bathrooms, 6 appliances, alarm system, private driveway parking. \$1,400 per month plus utilities. References, phone 656-5043.

Walk to U of T. Bright, newly renovated 4/5-bedroom house, with 2 decks, garden, 2 minutes to subway. 1st September 1988, 1 or 2 years. 534-0232.

Sabbatical rental, September 1, 1988 to July 31, 1989. Professor's house, fully renovated, tastefully furnished. Quiet street near Broadview and Danforth. Three bedrooms, study, small Japanese room, fully mirrored martial arts/exercise room. Sunny addition with deck. Fireplace, six appliances, central vacuum, stereo, T.V., video recorder. Non-smokers only. References. \$1,800 + utilities (includes cleaning lady). Evenings, 463-0517.

Bloor West Village. Walk to subway. Partially furnished, 3 bedrooms, 2 bathrooms, family-room. Electric heat, central air conditioning. Garage. Wooded ravine lot. Non-smokers. August or September 1988 for one year. \$1,800/month + utilities. Evenings 767-9668.

Two-bedroom apartment, fully furnished, for sublet September to December 1988. At subway, near High Park. Study, pool, parking, shopping. No children, smoking, pets. \$1,200 per month. George Elliott, 536-8642 or 978-3462.

College/Huron. Renovated Victorian house, lots of hardwood and original trim, backyard, deck, laundry, parking available, other extras. 1-bedroom \$900 + hydro; 2-bedroom \$1,200 + hydro. Available August 1st. Also available furnished. 979-0967.

Available to rent September 30 — April 1, 1989. 1-Bedroom, completely furnished, linens & dishes, underground parking, pool, sauna, Bathurst & Steeles near bus, subway, excellent shopping, utilities included. Non-smoker. Visiting professor or nurse in training. Call 663-6855.

For rent — 2-bedroom condo. Edgecliffe Gtwy. Eglinton/DVP area. A/C, balcony with view of river, parking, pool. Available mid-August. \$1,000/month. Phone 425-1356.

Apartment to rent. Annex West, 1-bedroom in house, open concept, garden, quiet, suit one, non-smoker, close to TTC & U of T, street parking. September 1st, references, \$925 inclusive. Phone 534-8367 (evenings).

Annex: A large (1700 sq.ft.) 3-bedroom luxury apartment in a clean & quiet private home, near U of T and subway (Walmer/Bernard). Newly renovated, large living-room with fireplace, laundry, 1-car garage. Available September 1, \$1,795/month. 925-3121.

Furnished one-bedroom deluxe apartment. September 1, 1988 — September 1, 1989. Thorncliffe Park (35 minutes by TTC to campus). 1-2 persons only, non-smokers. \$775/month. For information call 425-3004.

One-bedroom recently renovated lower duplex in quiet Victorian home near University. Non-smoker. References. Available immediately. \$900 including utilities and parking. 920-7628.

For rent — three-bedroom furnished house. West-end Toronto. Near subway. September 14th to mid/late December 1988. Willing to take care of family cat. Non-smokers. References required. Rent negotiable. Phone 239-6672 evenings.

Downtown, modern, 2-bedroom townhouse. Air conditioning, washer, dryer, parking, microwave, etc. Quiet backyard. Near subway, excellent shopping, parks. Perfect for 1 or 2 non-smokers. August 2 — September 12, 1988. \$2,000 monthly. 922-7177, leave message.

Annex, Madison Avenue, 2-bedroom upper renovated apartment, private entrance, 6 appliances, deck, permit parking, available immediately, \$1,500, 925-5577.

Sabbatical rental: Quick access to TTC direct to U of T/downtown or Erindale campus. Lovely detached house with three furnished bedrooms and all new appliances. Two-car driveway with a front garage. Fruit trees in the backyard with a quiet neighbourhood. Close to shopping, schools, parks and transit. \$1,250 per month. Available August for one year. Phone (416) 678-2704 after 5 p.m. or on weekends at any time.

3-Bedroom detached house, air-conditioned, all appliances, pool (18'), close to TTC, schools (incl. French immersion), churches. Garage. Victoria Park/St. Clair area. August 1988 — Summer 1989. 757-8276 evenings.

Marlee Avenue 2-bedroom, 1½ bathroom furnished apartment for sublet September 1988 — June 1989. Suitable for couple. No pets. \$1,000/month includes all utilities. Air conditioning, indoor garage, pool, sauna, exercise room. TTC at door, walk to subway. Supermarket on the corner. 978-6999 days, 781-9862 evenings, not on Saturday.

Yonge-Oatville — for lease. Detached, 4-bedroom, recently decorated, 2 fireplaces, renovated kitchen, 5 appliances, double garage, quiet street, walk to subway. Credit check and references, minimum one-year lease. Available immediately. \$1,900 plus utilities. Greta 488-9676.

House for rent — Willowdale. 1½ storey, 2-bedroom, 5 minute walk to Yonge subway line. Fireplace, deck, garage, private drive, six appliances. Available September. \$1,500/month plus utilities. 222-0659. Mike or Mimi.

Bloor & Brunswick. 5-Bedroom decorated semi-furnished house, 2 kitchens, 2½ baths, \$2,800 plus utilities, available August 1st. 920-3536, Rocky or Sandy.

Annex — Walmer Rd. Walk to U of T. Sunny, nicely furnished and fully equipped, one-bedroom apartment to sublet to responsible non-smoker. Colour T.V., stereo, complete kitchen, linen, etc. \$995+. August 1. 925-4879.

Leslie & Finch — Unfurnished (can be furnished), 3-bedroom townhouse. Basement finished. 4 appliances. Indoor garage. Steps to subway, bus. Close to shopping, Hwys. 401 & 404. \$1,200/month plus utilities. Available August 8. 494-8696.

A brand-new basement apartment immediately adjacent to University; unfurnished; large, bright, open layout, suit one person; tiled kitchen; appliances; whirlpool bath; \$750 plus hydro per month; available September. Call Alan Thomas, 924-8598.

Yonge/Lawrence. 3-Bedroom home; living-, dining- and family-rooms with broadloom; eat-in kitchen; recreation room and laundry; 5 appliances; large deck; garage; steps to subway; September 1st possession, 487-5072.

For rent — elegant, spacious, light-filled, two-bedroom upper duplex. Eat-in kitchen, dishwasher, laundry, parking. Centrally located next to Hillcrest Park. Excellent TTC. \$1,150/month. August 1. Non-smoker with references. Call 658-5464 evenings.

Brunswick-Sussex — fully furnished and equipped upper duplex, 2 bedrooms, 1½ bathrooms (bidet en suite) in charming quiet Victorian house (1873) located in a safe neighbourhood, 4 minutes walk to U of T, shops, tennis courts, ice rink & public transit, 'good' art, rugs, antiques (not the 6 kitchen appliances) 2 cable T.V. outlets. Lease & references required. \$1,480 (p.c.m.) inclusive. 964-7270.

3-Bedroom semi-detached house in the Beaches, beautiful residential area, close to TTC, shops & schools, available September 1st, 1988 to May 31st, 1989. \$950 per month + utilities. 694-9276.

Condominium. (Lakeshore Blvd. West/Brown's Line). Luxury 2-bedroom, den, penthouse. Spectacular view, central air, broadloom, 5 appliances, indoor parking, sauna, whirlpool, sun-deck, exercise room, GO, TTC, expressway, shopping. Available immediately — 769-8027.

Four-month rental. Bloor & Runnymede, across from subway, comfortable 2-bedroom apartment, fully furnished, September — December \$800 per month inclusive, non-smoker, references preferred. Call 923-3327 evenings 5 - 9.

Accommodation Rentals Required

Academic couple, non-smokers, seeking furnished house or apartment, 2-bedroom or bedroom and study minimum, for September to December 1988. Prefer Annex, but will consider anything reasonably central and close to subway. Phone Peter Smollett, 963-8286.

Diploma-biologist from Germany, working at U of T, seeks moderately priced accommodation for his family with 2 children for September and October. References available, phone Ludder Eltrop (416) 532-7830 or leave message.

Accommodation Shared

House to share Oanforth/Broadview. Transit; large quality renovation; smoke- and pet-free; 9 x 12 bedroom/office with private deck over backyard, newly furnished. Ideal for male or female professor or mature grad student visiting Toronto with few possessions. Considerate and organized house-mate wanted. Share entire house. \$450 includes cleaning. Available immediately. Ken Shepard, Ph.D. 463-0423.

House to share with two women. August 1. \$450 plus utilities. Own room. Nice backyard. Fireplace. Close to U of T at Bloor and Christie. Non-smoker. No pets. Please call 538-0857.

Friendly, stable, cooperative household seeks independent, funny, responsible, financially comfortable, non-sexist woman for our non-smoking home. Black lab, 2 children (5 years, 18 months), 2 women, 3 men — professors, musicians, writers, 20s-40s, keen on good food, conversation, humour. Spacious Victorian house, with garden, large sun-deck; room is sunny, gabled, quiet. \$325 + utilities. Available now. Broadview/Danforth area. Phone \$375/week. Margo 978-5370.

Wanted: One non-smoking female to share two-bedroom flat in older house with female professional. Deck/backyard, \$400 including utilities. 1 block from Chester subway. 461-7169. Available August 1st.

Downtown luxury new condominium, furnished, five appliances, private washroom, whirlpool tub, exercise room, saunas, to share with quiet refined lady, non-smoker. \$500 monthly, first and last months rent, immediate possession, call evenings 362-8912.

Affordable accommodation in deluxe downtown condo. Own bedroom, bathroom, complete privacy. All amenities including washer, dryer, cable, 24 hours security. \$750 plus utilities, parking by arrangement. Available September. Call Don 593-9753.

Houseshare. Wanted: someone to share journalist's delightful & spacious house at Dundas & Doverscourt. Non-smoker. \$675 per month plus share of winter utilities. Available immediately. Call 533-5522.

Accommodation Overseas

Wells, Somerset, U.K. A good U.K. base. Modern semi-bungalow, fully furnished & equipped (washer/dryer, fridge, electric stove, etc), newly decorated, central heating, double glazing, 2 gardens, parking, phone, 15 minutes walk from Cathedral, edge of the Mendips, peace, quiet, easy to maintain, £450+, 964-7270.

Vacation/Leisure

CLEARWATER, FLORIDA. 3-bedroom home. Close to beaches, tennis and golf. Ideal for 1 or 2 families. US \$300/week April-November; US \$350/week December-March, extended rates on request. Call Denise at 534-1772 or 751-9892.

BACKPACK CANADA & UNITED STATES. Adventuresome backpacking treks in the magnificent Canadian Rockies, the Grand Canyon in Arizona, the Appalachians during the autumn colour season, hut hopping in the White Mountains of New Hampshire, the Andes Mountains of Peru, the mountains of Strathcona Park on Vancouver Island and other exciting treks. We have some trips where we hike out daily from base camps in scenic backcountry areas. No experience is necessary. Trips are 7 to 10 days' duration. (Peru is 17 days): Request brochure. WILLARDS ADVENTURE CLUB, Box 10, Barrie, Ontario, Canada L4M 4S9. (705) 737-1881 daytime, (705) 728-4787 evenings.

COTTAGE FOR RENT. 110 miles from Toronto. 4 acres of woods, on lake. 3 bedrooms, cold running water, Heintzman, duck boat. \$375/week. Margo 978-5370.

Secretarial and Word Processing

ACADEMIC/MEDICAL TYPIST will type your final draft on IBM Correcting Selectric III. Reasonable rates; excellent work; fast turnaround. \$1.70 each double-spaced text page. Editing available. U of T graduate. St. George Street. 925-4967 evenings.

Yonge-St. Clair: Female research associate wishes to share charming, furnished, 4-bedroom house in central residential district: garden, fireplace, 5 appliances, laundry, close to TTC. Ideal for female professor or mature grad student with few possessions. \$800 + half utilities. Call 485-0680 between 8-10 a.m.

Seeking roommate to share luxury townhome (A/C, washer and dryer, etc.), situated at Sheppard and Don Valley Parkway. Non-smoking male or female. \$475 per month. For further information call 490-1023.

Miscellaneous

PASSPORT PHOTOS. Located at TGH in rm. CCRW3-802 (3rd floor College St. entrance). Still \$6.50 (Incl. tax) for 2 B/W Polaroid (Cash or Internal Billing only). 595-4084. Wednesday 11-1 — no appointment necessary.

Harmony Temporary Personnel Services requires dependable people for short and long-term positions. Exciting job opportunities are presently available. We have clerical/receptionist, secretarial, administrative, wordprocessing positions available. Interviews available after 5 p.m. Call Diane or Lori at 466-1100.

Painting & Wallpaper — If interested call today for a free estimate. 248-4462. JAMM Painting & Wallpaper — Toronto.

Victoria B.C. Real Estate. Experienced, knowledgeable realtor with university faculty references. Will answer all queries and send information about retirement or investment properties in Victoria. No cost or obligation. Call collect (604) 592-3666 or write Lois Dutton — Wessex Realty — 1516 Pandora, Victoria, B.C. V8R 1A8.

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Hart House Farm Maple Syrup is now on sale in the Hart House Tuck Shop, Monday — Friday, 9:00 a.m. to 5:00 p.m. 250 ml. bottle — \$5.00; 500 ml. bottle — \$9.00.

Licensed day-care spots available for infants (6-17 months) and toddlers (ages 18 months-2.5 years) in Lawrence-Yonge area. Part-time and full-time. Home environment. Call Sonia at 481-8900, 860-1083 (evenings).

For sale — Compaq portable model 1 microcomputer with 256K RAM, 2 floppy disk drives (360K each), serial & parallel ports. Asking price \$900. Interested? Call Ellen after 6 p.m., 244-3621.

Pet Sitting. Do you need someone to come and feed your cats at home? Please call 926-7210. If away leave message.

Computer help available. Experienced, reliable and flexible. IBM and Macintosh technical assistance for users of database, desktop publishing, word processing, graphics, and other software programs. Hardware help too. References available. Call 480-2178.

Positions available — Must be eligible for U.I.C. benefits (Section 38). Statistical Assistants (2) and a Library Assistant. Some background in Social